Appl. No.: 10/568,699 Atty. Docket No.: 2003M091 Office Action dated May 20, 2009

Date: August 18, 2009

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in this application.

Listing of Claims:

1-9. (Cancelled)

- 10. (Currently Amended) A process for the production of a plasticiser ester comprising:
 - (i) esterifying an acid or an anhydride with an alcohol containing from 6 to 13 carbon atoms to form a crude ester; then
 - (ii) treating the crude ester with a base to form a treated ester; then without a stripping step to remove excess alcohol prior to step (iii),
 - (iii) filtering the treated ester to separate a liquid product; then
 - (iv) stripping the liquid product to form a stripped material; then
 - (v) treating the stripped material with activated carbon; and then
 - (vi) filtering the product of step (v), optionally in the presence of a filter aid, to remove the adsorbent from the plasticiser ester;

wherein the plasticizer ester comprises a di-alkyl phthalate selected from at least one of the group consisting of di-2-ethyl hexyl phthalate, di-isononyl phthalate, and di-isodecyl phthalate, characterised by a carbonyl number below 0.2 mg KOH/g, a light ends content of less than 1000 ppm wt, and a liquid volume resistivity (LVR) (in units of 10¹² ohm.cm) that is:

- i) greater than about 0.3 in the case where di-alkyl is di-2-ethyl hexyl;
- ii) greater than about 0.6 in the case where di-alkyl is di-isononyl; and
- iii) greater than about 1.35 in the case where di-alkyl is di-isodecyl.
- 11. (Original) The process according to claim 10 wherein the base is an alkali metal salt.
- 12. (Original) The process according to claim 10 wherein the base is selected from the group consisting of sodium hydroxide and sodium carbonate.
- 13 18. (Cancelled)

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- 19. (Original) The process according to claim 10 wherein the combined amount of adsorbent and the filter aid employed is from about 0.01 to about 5 wt%, based on the weight of the plasticiser ester.
- 20 22. (Cancelled)
- 23. (Original) The process according to claim 10 wherein the filter aid is a clay.
- 24 25. (Cancelled)
- 26. (Original) The process according to claim 10 wherein the treatment step (v) is performed at a temperature in the range of about 20 to about 180°C.
- 27. (Original) The process according to claim 10 wherein the treatment step (v) is performed at a temperature in the range of about 80 to about 120°C.
- 28. (Original) The process according to claim 10 wherein the treatment step (v) is performed at a temperature in the range of about 80 to about 120°C and in which the plasticizer ester is a C₈ to C₁₃ dialkyl phthalate.
- 29 39. (Cancelled)